Chart and graph the weather!

This week, observe the weather each day, keeping track of what you observe with tallies on a chart. At the end of the week, display your results in a color bar graph.

What you’ll need

* Pen or pencil
* Graph paper or lined paper for making the bar graph
* Colored markers or crayons

How to do it

* This week, is it likely to be sunny, cloudy, foggy, windy, rainy, snowy? Choose 5 weather types that you predict you may observe.
* Draw a table with 5 columns. Title the table Daily Weather. Write 1 of your 5 weather types at the top of each column.
* Every day, add a tally mark under the weather you observe.
* At the end of the week, use your graph paper or regular paper and a ruler to draw a bar chart. Label the x-axis (along the bottom) Weather Types and write each weather type along the x-axis. Label the y-axis (going up) Number of Days and write Days 1 to 7 going up along the y-axis.
* Use your data table to fill in the bar chart. e.g. If there were 5 rainy days, draw a bar above the Rain label on the x-axis that goes up to the 5 days mark along the y-axis. Use a different color for each bar.

Questions to answer

What type of weather did we see the most? And the least?

Is the information easier to read in the table or the bar graph? Why?